5/8,570

Rec'd PCT/PTO 2 1 DEC 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁷: **H04L 12/28**

(21) International Application Number:
PCT/EP2003/006233

(22) International Filing Date: 13 June 2003 (13.06.2003)

(25) Filing Language: English

(26) Publication Language: English
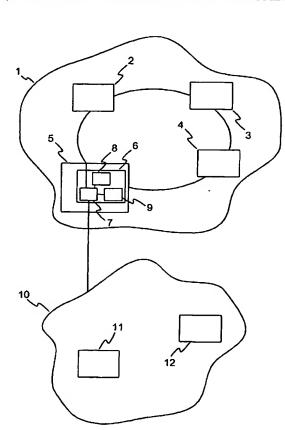
(30) Priority Data:
102 28 605.1 26 June 2002 (26.06.2002) DE

(71) Applicant (for all designated States except US): THOM-SON LICENSING S.A. [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

(72) Inventor; and
(75) Inventor/Applicant (for US only): KÖHLER, Ralf [DE/DE]; Froebeniusweg 7, 30455 Hannover (DE).

(74) Agent: THIES, Stephan; European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: MODULE FOR INTEGRATION IN A HOME NETWORK

(57) Abstract: In a home network (1), a wide variety of devices (2, 3, 4, 5) are interlinked so that they can exchange data among one another. Such home networks (1) also often have a connection to an external network (10). If an individual device of the home network wishes to obtain data from the external network (10), it requires comprehensive hardware and software for searching for and processing the data. The hardware and software must be able to read the different data formats and formats for describing the data contents which are used by providers (11, 12) in the external network (10). According to the invention, it is provided that a module (6) of the home network (1) performs this search task for the other devices (2, 3, 4) and establishes connection with the external network (10) via a connecting device (5). After finding data sought, it makes the data available to the inquiring device (2, 3, 4) in a format that can be read by the latter.

WO 2004/004222 A1